

Takehito Uruno

List of Publications by Year in descending order

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38
papers

2,029
citations

304743

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315739

38
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39
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docs citations

39
times ranked

2981
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Arp2/3 complex-mediated actin polymerization by cortactin. <i>Nature Cell Biology</i> , 2001, 3, 259-266.	10.3	510
2	DOCK8 is a Cdc42 activator critical for interstitial dendritic cell migration during immune responses. <i>Blood</i> , 2012, 119, 4451-4461.	1.4	200
3	Osmotic stress-induced remodeling of the cortical cytoskeleton. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C850-C865.	4.6	137
4	Selective control of type I IFN induction by the Rac activator DOCK2 during TLR-mediated plasmacytoid dendritic cell activation. <i>Journal of Experimental Medicine</i> , 2010, 207, 721-730.	8.5	100
5	Structural basis for mutual relief of the Rac guanine nucleotide exchange factor DOCK2 and its partner ELMO1 from their autoinhibited forms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3305-3310.	7.1	95
6	Expression of the fibroblast growth factor family and their receptor family genes during mouse brain development. <i>Molecular Brain Research</i> , 1996, 41, 279-288.	2.3	84
7	Sequential Interaction of Actin-related Proteins 2 and 3 (Arp2/3) Complex with Neural Wiscott-Aldrich Syndrome Protein (N-WASP) and Cortactin during Branched Actin Filament Network Formation. <i>Journal of Biological Chemistry</i> , 2003, 278, 26086-26093.	3.4	81
8	Haematopoietic lineage cell-specific protein 1 (HS1) promotes actin-related protein (Arp) 2/3 complex-mediated actin polymerization. <i>Biochemical Journal</i> , 2003, 371, 485-493.	3.7	75
9	Blockade of Inflammatory Responses by a Small-Molecule Inhibitor of the Rac Activator DOCK2. <i>Chemistry and Biology</i> , 2012, 19, 488-497.	6.0	65
10	The transcription factor EPAS1 links DOCK8 deficiency to atopic skin inflammation via IL-31 induction. <i>Nature Communications</i> , 2017, 8, 13946.	12.8	64
11	DOCK2 and DOCK5 Act Additively in Neutrophils To Regulate Chemotaxis, Superoxide Production, and Extracellular Trap Formation. <i>Journal of Immunology</i> , 2014, 193, 5660-5667.	0.8	60
12	CARMIL Is a Potent Capping Protein Antagonist. <i>Journal of Biological Chemistry</i> , 2006, 281, 10635-10650.	3.4	56
13	DOCK family proteins: key players in immune surveillance mechanisms. <i>International Immunology</i> , 2020, 32, 5-15.	4.0	56
14	Targeting Ras-Driven Cancer Cell Survival and Invasion through Selective Inhibition of DOCK1. <i>Cell Reports</i> , 2017, 19, 969-980.	6.4	51
15	DOCK5 functions as a key signaling adaptor that links Fc μ R1 signals to microtubule dynamics during mast cell degranulation. <i>Journal of Experimental Medicine</i> , 2014, 211, 1407-1419.	8.5	40
16	Interaction of cortactin and Arp2/3 complex is required for sphingosine-1-phosphate-induced endothelial cell remodeling. <i>Experimental Cell Research</i> , 2004, 298, 107-121.	2.6	32
17	Intronic regulation of Aire expression by Jmjd6 for self-tolerance induction in the thymus. <i>Nature Communications</i> , 2015, 6, 8820.	12.8	29
18	Cholesterol sulfate is a DOCK2 inhibitor that mediates tissue-specific immune evasion in the eye. <i>Science Signaling</i> , 2018, 11, .	3.6	29

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19	Fibroblast growth factor-1 interacts with the glucose-regulated protein GRP75/mortalin. <i>Biochemical Journal</i> , 1999, 343, 461.	3.7	28
20	Molecular Basis for Barbed End Uncapping by CARMIL Homology Domain 3 of Mouse CARMIL-1. <i>Journal of Biological Chemistry</i> , 2010, 285, 29014-29026.	3.4	27
21	Dimerization of DOCK2 Is Essential for DOCK2-Mediated Rac Activation and Lymphocyte Migration. <i>PLoS ONE</i> , 2012, 7, e46277.	2.5	27
22	S100A4 Protein Is Essential for the Development of Mature Microfold Cells in Peyer's Patches. <i>Cell Reports</i> , 2019, 29, 2823-2834.e7.	6.4	25
23	DOCK8 Protein Regulates Macrophage Migration through Cdc42 Protein Activation and LRAP35a Protein Interaction. <i>Journal of Biological Chemistry</i> , 2017, 292, 2191-2202.	3.4	23
24	Selective role of neurokinin B in IL-31-induced itch response in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1130-1133.e8.	2.9	23
25	DOCK1 inhibition suppresses cancer cell invasion and macropinocytosis induced by self-activating Rac1P29S mutation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 298-304.	2.1	20
26	The Rac Activator DOCK2 Mediates Plasma Cell Differentiation and IgG Antibody Production. <i>Frontiers in Immunology</i> , 2018, 9, 243.	4.8	17
27	Cancer-derived cholesterol sulfate is a key mediator to prevent tumor infiltration by effector T cells. <i>International Immunology</i> , 2022, 34, 277-289.	4.0	12
28	Distinct Regulation of Myoblast Differentiation by Intracellular and Extracellular Fibroblast Growth Factor-1. <i>Growth Factors</i> , 1999, 17, 93-113.	1.7	11
29	A conserved PI(4,5)P2-binding domain is critical for immune regulatory function of DOCK8. <i>Life Science Alliance</i> , 2021, 4, e202000873.	2.8	9
30	DOCK8 deficiency causes a skewing to type 2 immunity in the gut with expansion of group 2 innate lymphoid cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 135-140.	2.1	9
31	Thymic epithelial cell-specific deletion of Jmjd6 reduces Aire protein expression and exacerbates disease development in a mouse model of autoimmune diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 8-13.	2.1	8
32	Pharmacological intervention of cholesterol sulfate-mediated T cell exclusion promotes antitumor immunity. <i>Biochemical and Biophysical Research Communications</i> , 2022, 609, 183-188.	2.1	7
33	The C-terminal Region of Fibroblast Growth Factor-1 is Crucial for its Biological Activity and High Level Protein Expression in Mammalian Cells. <i>Growth Factors</i> , 1999, 16, 191-200.	1.7	5
34	Purification of capping protein using the capping protein binding site of CARMIL as an affinity matrix. <i>Protein Expression and Purification</i> , 2009, 67, 113-119.	1.3	4
35	DOCK8 controls survival of group 3 innate lymphoid cells in the gut through Cdc42 activation. <i>International Immunology</i> , 2021, 33, 149-160.	4.0	4
36	Targeted inhibition of EPAS1-driven IL-31 production by a small-molecule compound. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 633-638.	2.9	4

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37	Identification of a functional <i>DOCK8</i> gene polymorphism associated with atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3670-3672.	5.7	1
38	<i>DOCK5</i> functions as a key signaling adaptor that links Fc ϵ RI signals to microtubule dynamics during mast cell degranulation. <i>Journal of Cell Biology</i> , 2014, 205, 2056OIA110.	5.2	0